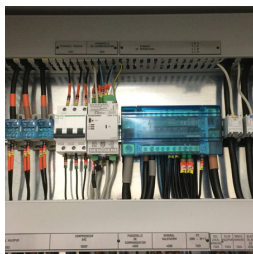
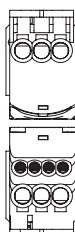
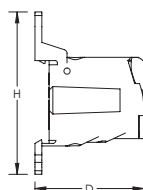


# UD-80A Single Pole Distribution Block



- Increase the number of outputs with one input using a jumper wire
- Tinned copper block allows for copper or aluminum conductor connections
- Screw retaining cover is hinged and removable
- Design allows for visual inspection of conductor and confirmation of connection
- Gangable for building multi-pole power blocks
- Easily clips onto DIN rail or mounts to panel with screws
- 95% fill ratio
- Halogen free
- RoHS compliant



Material: Copper, Thermoplastic  
Finish: Tinned

Part Number	UD-80A
Article Number	569010
Max Current Rating, IEC	80 A
Max Current Rating, UL/CSA	85 A
Short Term Withstand Current (I <sub>cw</sub> ) 1s	3 kA
Peak Short Circuit Current (I <sub>pk</sub> )	22 kA
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (U <sub>i</sub> )	1,000 VAC/DC
Max Working Voltage, UL (V <sub>in</sub> )	600 V
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	6 - 16 mm <sup>2</sup>
Line Side Wire Size	#16 - #4
Load Side Number of Connections	6
Load Side Compact Stranded Wire Size	(2) 2,5 - 16 mm <sup>2</sup> (4) 2,5 - 6 mm <sup>2</sup>
Load Side Stranded Wire Size - Ferrule	(2) 2,5 - 16 mm <sup>2</sup> (4) 2,5 - 6 mm <sup>2</sup>
Load Side Wire Size	(2) #16 - #4 (4) #16 - #8

Part Number	UD-80A
Enclosure Rating	IP 20
Depth (D)	46 mm
Height (H)	69 mm
Width (W)	30 mm
Unit Weight	0,07 kg
Certification Details	UL® 1059
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals										
Derating according to Ambient* Temperature [°C] to maintain working temperature of 85°C										
Ambient Temperature [°C]	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°
Derating Coefficient [d]	1	1	1	0.94	0.88	0.82	0.75	0.67	0.58	0.47
*environment around the terminal blocks inside the enclosure										

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**WARNING**

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